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From: Etelka R. Griffin
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KNOX/4B68
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Etelka.griffin@uspto.gov

Search Notes

LITIGATION

6286615

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Terms: **patno=6286615** ([Edit Search](#))

531565 (09) 6286615 September 11, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

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September 11, 2001

Heavy vehicle for breaking up ground with retracting and steering rear wheels

APPL-NO: 531565 (09)


FILED-DATE: March 20, 2000

GRANTED-DATE: September 11, 2001

CORE TERMS: track, rear, wheel, machine, hydraulic, actuator, cylinder, chassis, turning, driver's ...

ENGLISH-ABST:

A machine for breaking up ground including, a frame supported by at least one pair of front wheels or tracks and by at least one pair of rear wheels or tracks. A driver's cab is made out of said frame and a means of breaking up the ground is connected to the frame. A traction system is supported by the frame and is for rotating one or more of the wheels or tracks. At least one rear wheel or track has a horizontal axis belonging to a chassis that is integral with said frame. The chassis is provided with at least one first actuator that works with maneuvering systems accessible from the driver's cab to rotate the rear wheel or track around a vertical axis while turning the front wheels or tracks of the machine.

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#) 

Terms: **patno=6286615** ([Edit Search](#))

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Date/Time: Thursday, July 7, 2005 - 9:29 AM EDT

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Query/Command : PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

Patent Number :

US6286615 B1 20010911 [US6286615]

Title :

(B1) Heavy vehicle for breaking up ground with retracting and steering rear wheels

Inventor(s) :

(B1) BITELLI ROMOLO (IT)

Application Nbr :

US53156500 20000320 [2000US-0531565]

Priority Details :

ITVI990056 19990323 [1999IT-VI00056]

Intl Patent Class :

(B1) B62D-011/20

EPO ECLA Class :

B62D-007/04

B62D-011/20

E01C-023/088

US Patent Class :

ORIGINAL (O) : 180009460; CROSS-REFERENCE (X) : 180411000

Document Type :

Corresponding document

Citations :

US3664448; US3792745; US4029165; US4120507; US4387814

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

A machine for breaking up ground including, a frame supported by at least one pair of front wheels or tracks and by at least one pair of rear wheels or tracks. A driver's cab is made out of said frame and a means of breaking up the ground is connected to the frame. A traction system is supported by the frame and is for rotating one or more of the wheels or tracks. At least one rear wheel or track has a horizontal axis belonging to a chassis that is integral with said frame. The chassis is provided with at least one first actuator that works with maneuvering systems accessible from the driver's cab to rotate the rear wheel or track around a vertical axis while turning the front wheels or tracks of the machine.

Update Code :

2001-38

1 / 1 LGST - @EPO

Patent Number :

US6286615 B1 20010911 [US6286615]

Application Number :

US53156500 20000320 [2000US-0531565]

Action Taken :

20001107 US/AS-A

ASSIGNMENT

OWNER: BITELLI SPA VIA IV NOVEMBRE 2-40061 MINERBIO (BO); EFFECTIVE

DATE: 19990705

ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR: BITELLI,

ROMOLO; REEL/FRAME: 011299/0035

20031118 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20030911
Update Code :
2004-31

1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

6,286,615 A 20010911 [US6286615]

Patent Assignee :

Bitelli, Romolo IT

Actions :

20001107 REASSIGNED
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: BITELLI, ROMOLO DATE SIGNED: 07/05/1999

Assignee: BITELLI SPA VIA IV NOVEMBRE 2-40061 MINERBIO (BO) ITALY

Reel 011299/Frame 0035

Contact: DYKEMA GOSSETT PLLC JOHN P. DELUCA 1300 I STREET, NW SUITE 300
WEST, FRANKLIN SQUARE WASHINGTON DC 20005

20030911 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20031118
REISSUE REQUEST NUMBER: 10/659794
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3619

Reissue Patent Number:

1 / 1 INPADOC - @INPADOC

Patent Number :

US 6286615 BA 20010911 [US6286615]

Title :

HEAVY VEHICLE FOR BREAKING UP GROUND WITH RETRACTING AND STEERING REAR
WHEELS

Inventor(s) :

BITELLI ROMOLO [IT]

Patent Assignee (Words) :

BITELLI ROMOLO [IT]

Application Details :

US 531565/00-A 20000320 [2000US-0531565]

Priority Details :

IT 56/99(VI)-A 19990323 [1999IT-VI00056]

Intl. Patent Class. :

B62D-011/20

1 / 1 LGST - @EPO

Patent Number :

US6286615 B1 20010911 [US6286615]

Application Number :

US53156500 20000320 [2000US-0531565]

Action Taken :

20001107 US/AS-A

ASSIGNMENT

OWNER: BITELLI SPA VIA IV NOVEMBRE 2-40061 MINERBIO (BO); EFFECTIVE

DATE: 19990705

ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:BITELLI,
ROMOLO;REEL/FRAME:011299/0035

20031118 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030911

Update Code :
2004-31

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